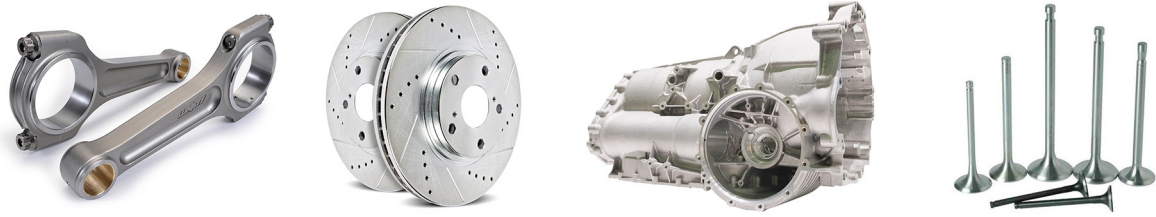


CIMSTAR® 31-51FF

Medium to heavy duty cutting and grinding fluid
without formaldehyde releasing biocide



Description

Cimstar 31-51FF is a multipurpose micro-fine emulsion with enhanced performance. Cimstar 31-51FF can be used in individual machines as well as central systems. Cimstar 31-51FF is free from formaldehyde releasing biocides.

Application

Cimstar 31-51FF is a general purpose cutting fluid recommended for medium to heavy duty grinding and machining of all ferrous and most non-ferrous metals. It is specifically designed for use in soft water (5 - 15° dH).

Features and benefits

- Highly cost effective and pleasant to work.
- The specially selected raw materials provide a long fluid life.
- Outstanding cleanliness creating favourable working conditions.
- Perfect emulsion stability.
- Low foaming and low top up rate.
- Free from formaldehyde releasing biocides.

Methods of application

Cimstar 31-51FF is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® Mix Master or Cimcool Mix Master S is recommended. Typical starting water temperature conditions should be 5 - 25°C.

Recommended starting concentration

Grinding	4 - 6 %
Machining	5 - 10 %

Mix Master S

Concentration** can easily be obtained by setting the regulator to the correct number. ** The concentration may vary depending on local conditions. It is therefore always advised to check using the refractometer or TA Kit.

Concentration analysis

For concentration analysis, use one of the below given methods or an appropriate laboratory procedure available from your local stockist.

Refractometer factor:	1.6
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If the refractometer is used, the resultant reading multiplied by a factor of 1.6 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 2 ml. mix										*: next syringe
%	1	2	3	4	5	6	7	8	9	10	
Reading	0.88	0.72	0.56	0.40	0.23	0.07	*.91	*.75	*.59	*.43	

Handling and storage

Protect from freezing, direct sun and store between 5 - 35°C.

Packaging type

20, 200, 1000 litre.

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environment when handling this product.



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